

controlling call admission based on the calculated load level,  
wherein said calculating step recursively calculates updated load  
levels.

Q' (3) (Amended) A method of controlling call admission in a  
communications network, comprising:

calculating a load level as a function of at least one of a change in  
measured power and a change in number of users; and

controlling call admission based on the calculated load level,  
wherein said calculating step estimates load level as a function of a  
measured change in power and a change in number of users.

5. (Amended) A method of controlling call admission in a  
communications network, comprising:

calculating a load level as a function of at least one of a change in  
measured power and a change in number of users; and

controlling call admission based on the calculated load level,  
wherein said calculating step recursively updates load level as a  
function of a change in number of users.

Q<sup>2</sup> 6. (Amended) A method of controlling call admission in a  
communications network, comprising:

Q<sup>2</sup> calculating a load level as a function of at least one of a change in measured power and a change in number of users; and  
controlling call admission based on the calculated load level,  
wherein said calculating step recursively updates load level as a function of a change in measured power.

Q<sup>3</sup> 9. (Amended) The method of claim 6, further comprising:  
verifying a calculated load level before using the calculated load level in said controlling step.

13. (Amended) A system of controlling call admissions in a communications network, comprising:

Q<sup>4</sup> load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

control means for controlling call admission based on the calculated load level,

wherein said load calculating means recursively calculates updated load levels.

14. (Amended) A system of controlling call admissions in a communications network, comprising:

load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

Q4 OK control means for controlling call admission based on the calculated load level,

wherein said load calculating means estimates load level as a function of a change in measured power and a change in number of users.

16. (Amended) A system of controlling call admissions in a communications network, comprising:

load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

Q5 control means for controlling call admission based on the calculated load level,

wherein said load calculating means recursively updates load level as a function of a change in number of users. ✓

17. (Amended) A system of controlling call admissions in a communications network, comprising:

load calculating means for calculating a load level as a function of at least one of a change in measured power and a change in number of users; and

Q<sup>5</sup> control means for controlling call admission based on the calculated load level,

wherein said load calculating means recursively updates load level as a function of a change in measured power.

Q<sup>6</sup> 20. (Amended) The system of claim 17, further comprising:

verifying means for verifying a calculated load level before said control means uses the calculated load level.

Please add the following claims:

--24. (New) A method of controlling call admission in a communications network, comprising:

Q<sup>7</sup> calculating a load level as a function of a change in measured power; and

controlling call admission based on the calculated load level.

\* 25. (New) A method of controlling call admission in a communications network, comprising:

calculating a load level as a function of at least one of a change in number of users; and